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### **Grammar-Packaged Parsing**

#### Abstract

A method of parsing a stream of tokens representative of language usage is provided in one embodiment. The method includes:

- a. storing a set of packages, each package being representative of a phrase-structure tree, each tree derived from a rule-based grammar; and
- b. parsing the stream using the packages to establish a structural description for the stream.

In another embodiment, there is also provided a method of parsing a stream of tokens representative of language usage. The method of this embodiment includes:

- a. storing a set of packages, each package being representative of a phrase structure tree associated with a grammar, wherein a subset of the packages includes a set of relational descriptions, and
- b. parsing the stream using the packages establish a structural description and a relational description of the stream.